

DERWENT-ACC-NO: 2003-173440

DERWENT-WEEK: 200317

COPYRIGHT 2006 DERWENT INFORMATION LTD

TITLE: Structure for preventing vibration of tray in disk drive

INVENTOR: SHIN, S H

PATENT-ASSIGNEE: LG ELECTRONICS INC[GLDS]

PRIORITY-DATA: 2001KR-0021210 (April 19, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
KR 2002081813 A	October 30, 2002	N/A	001	G11B 017/02

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
KR2002081813A	N/A	2001KR-0021210	April 19, 2001

INT-CL (IPC): G11B017/02

ABSTRACTED-PUB-NO: KR2002081813A

BASIC-ABSTRACT:

NOVELTY - A structure for preventing vibration of a tray in a disk drive is provided to minimize right and left vibration of the tray by solidly fixing the tray inserted into the disk drive.

DETAILED DESCRIPTION - A structure for preventing vibration of a tray in a disk drive includes a tray(40) movable to the inside and outside of a chassis(30) constructing an outer appearance and moving a disk with securing the disk, guide racks(34) guiding the movement of the tray at both sides of the tray, slide racks(38) movably installed between the guide rack and the tray for guiding the movement of the tray protruded outside the chassis, a first elastic arm(35) supporting the side of the tray inserted into the chassis by pressing with elasticity, a second elastic arm supporting the slide rack by pressing with elasticity in a direction toward the tray in state that the tray is inserted into the chassis.

CHOSEN-DRAWING: Dwg. 1/10

TITLE-TERMS: STRUCTURE PREVENT VIBRATION TRAY DISC DRIVE

DERWENT-CLASS: T03

EPI-CODES: T03-F01;

